

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119965.D
 Acq On : 14 Apr 2020 21:13
 Operator : MA/SJ
 Sample : L2230-40
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Quant Time: Apr 15 02:29:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

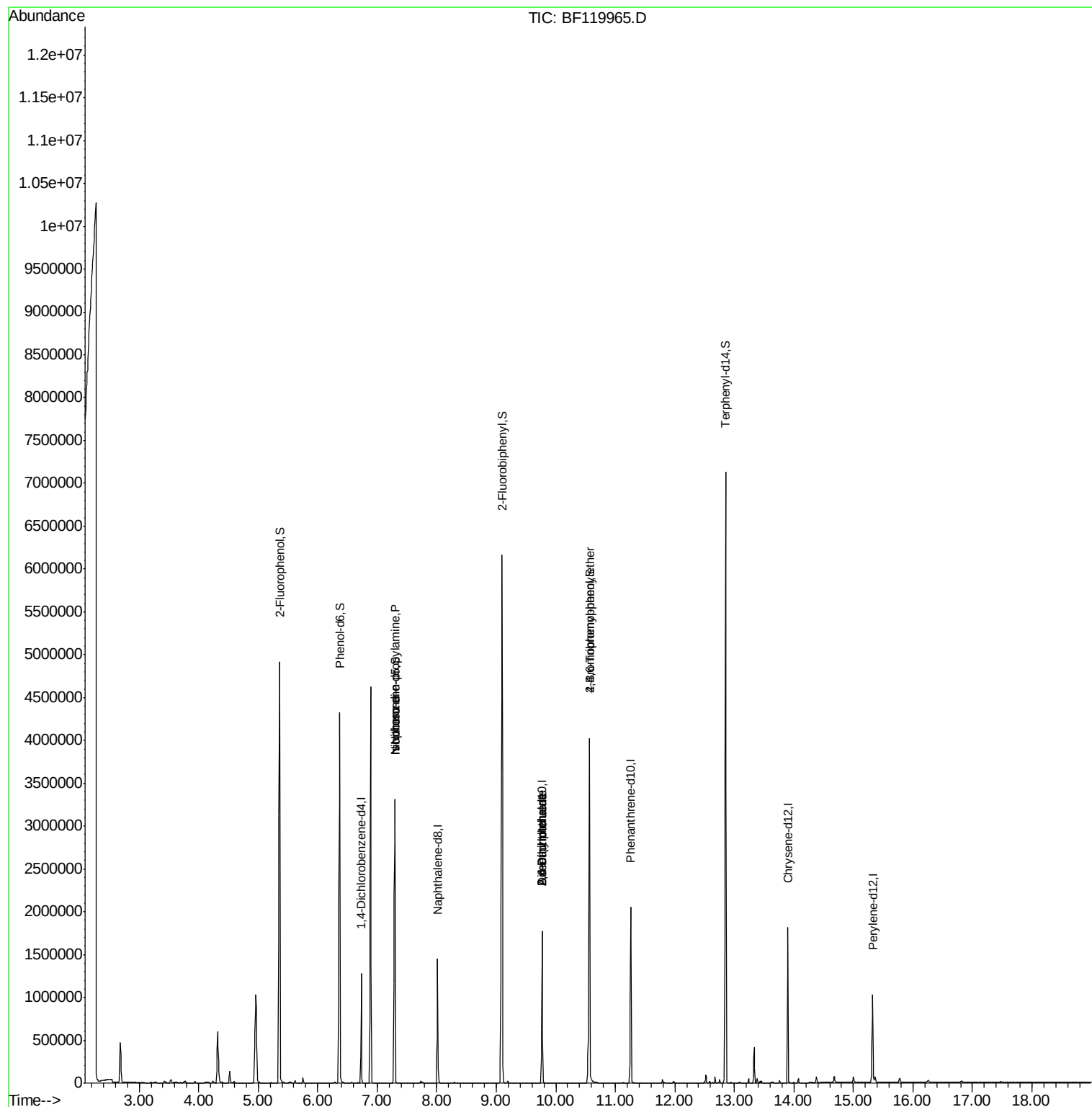
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195037	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	754442	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	398338	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	808475	20.00	ng	0.00
76) Chrysene-d12	13.90	240	585688	20.00	ng	-0.01
87) Perylene-d12	15.32	264	441754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1531166	135.67	ng	0.02
7) Phenol-d6	6.37	99	1760857	121.09	ng	0.00
23) Nitrobenzene-d5	7.30	82	1341925	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	597135	122.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2547209	90.79	ng	0.00
79) Terphenyl-d14	12.86	244	2913692	83.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	2413	Below Cal		95
19) n-Nitroso-di-n-propylamine	7.30	70	176327	18.856 ng	#	74
25) Isophorone	7.30	82	1338759	47.622 ng	#	65
50) Dimethylphthalate	9.77	163	89841	2.916 ng	#	1
51) 2,6-Dinitrotoluene	9.77	165	51358	7.612 ng	#	19
57) 2,4-Dinitrotoluene	9.77	165	51358	5.777 ng	#	22
67) 4-Bromophenyl-phenylether	10.57	248	37974	3.777 ng	#	1

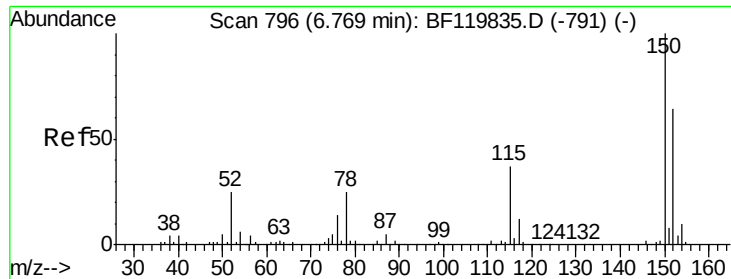
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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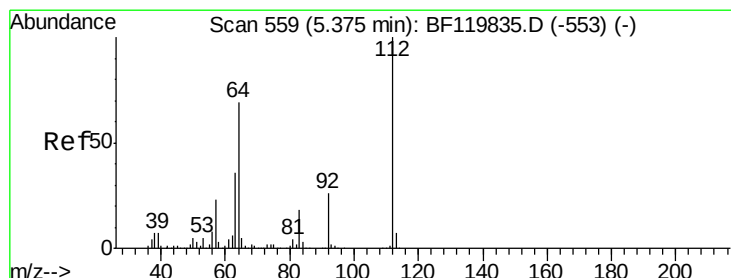
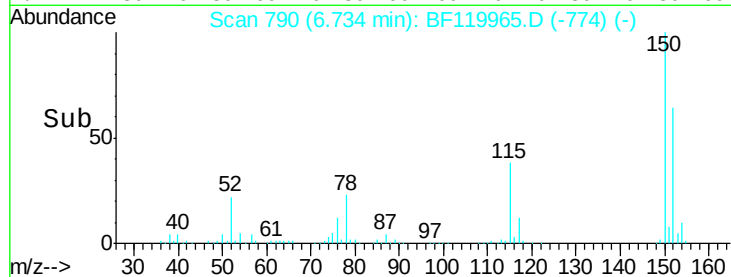
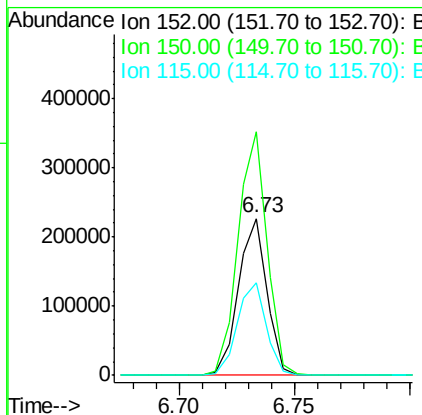
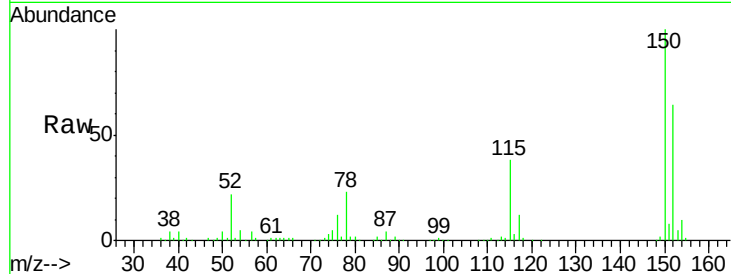


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-33

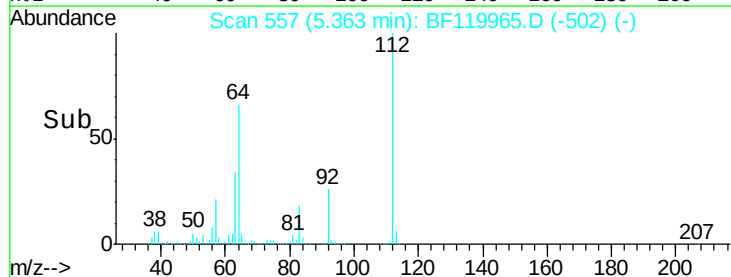
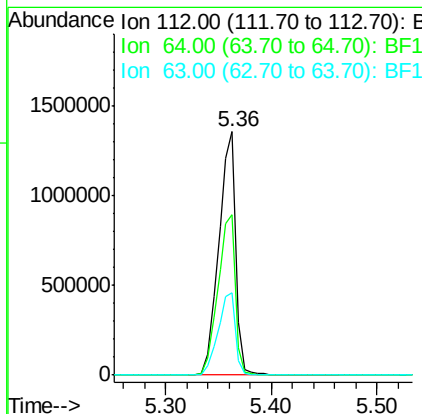
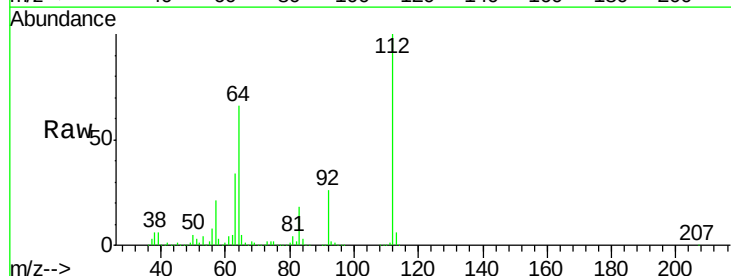
Tot Ion:152 Resp: 195037
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 58.9 46.5 69.7

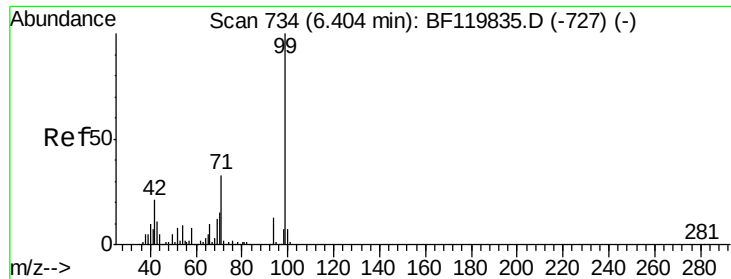


#5

2-Fluorophenol
Concen: 135.674 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:112 Resp: 1531166
Ion Ratio Lower Upper
112 100
64 65.8 55.5 83.3
63 33.8 29.1 43.7





#7

Phenol-d6

Concen: 121.087 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Instrument :

BNA_F

ClientSampleId :

TP-33

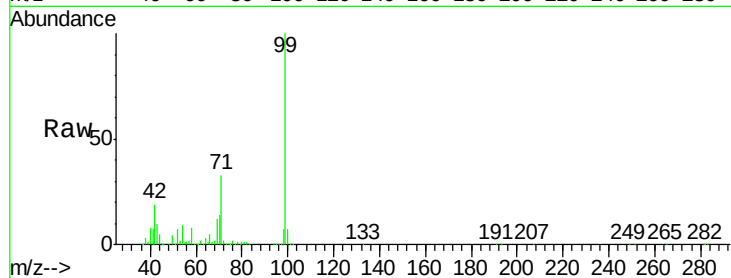
Tot Ion: 99 Resp: 1760857

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

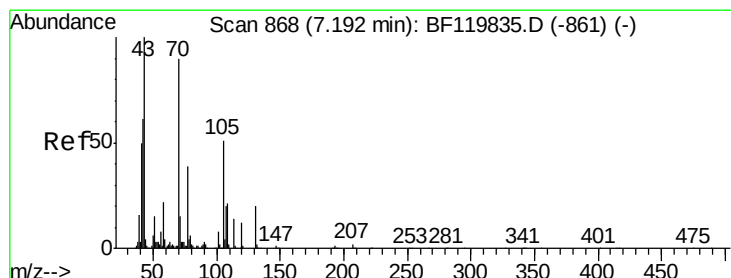
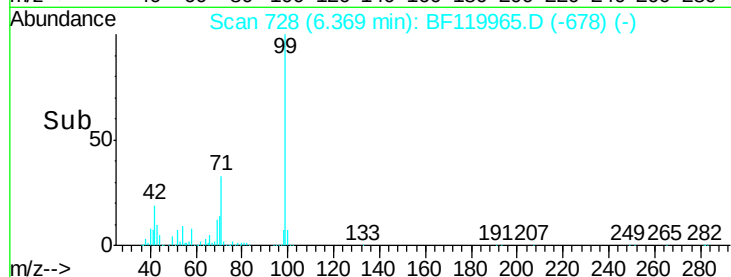
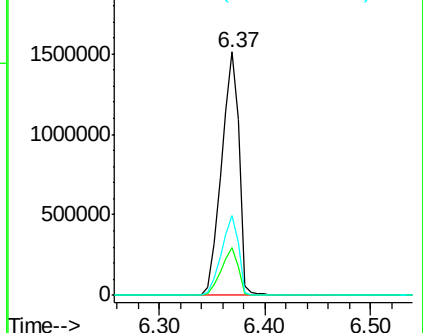
71 32.8 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.856 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Tgt Ion: 70 Resp: 176327

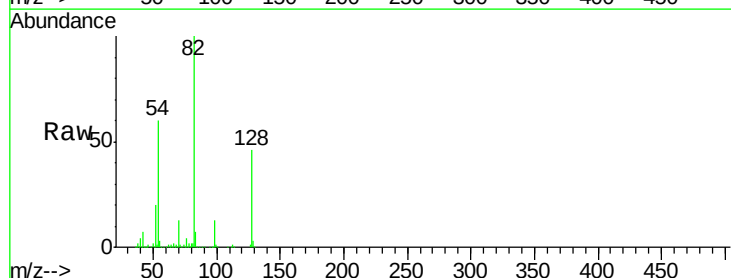
Ion Ratio Lower Upper

70 100

42 50.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

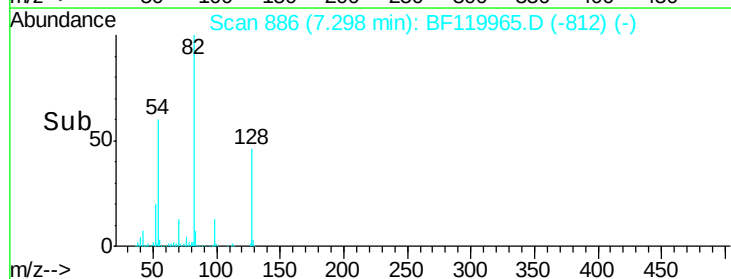
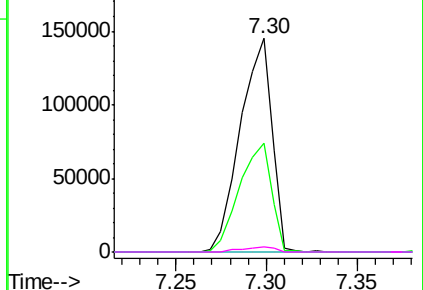


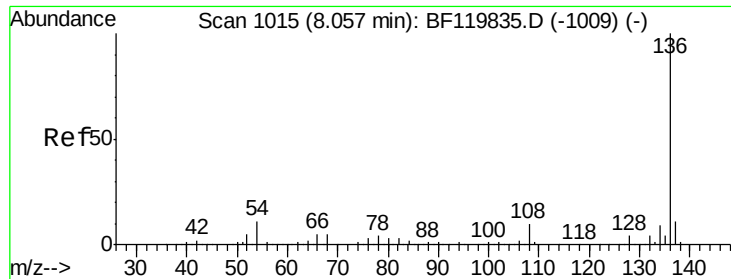
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

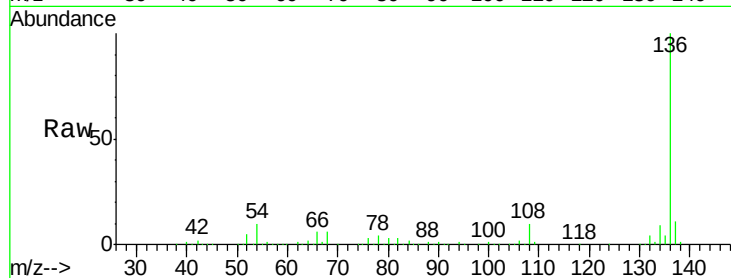




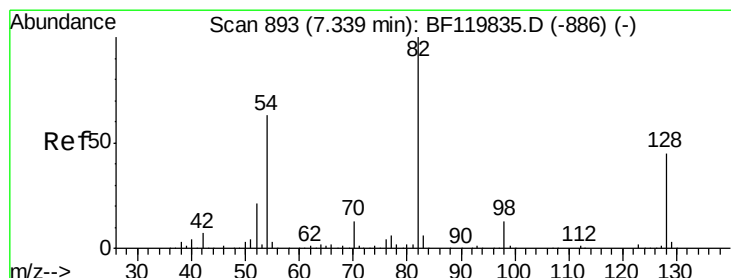
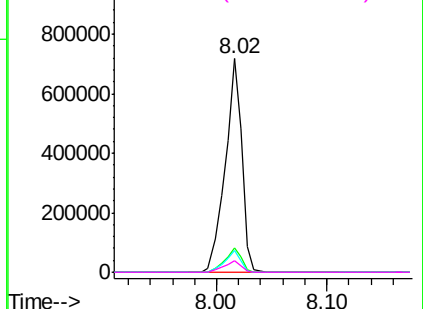
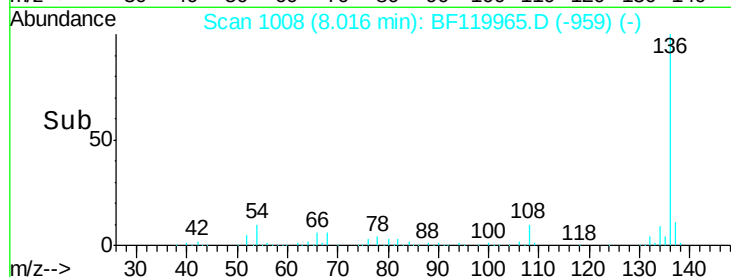
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-33

Tot Ion:136 Resp: 754442
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.4 8.5 12.7
68 5.5 3.9 5.9

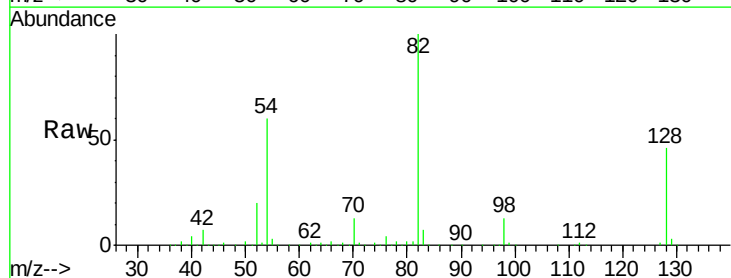


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

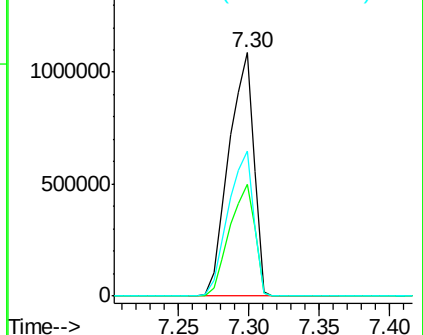
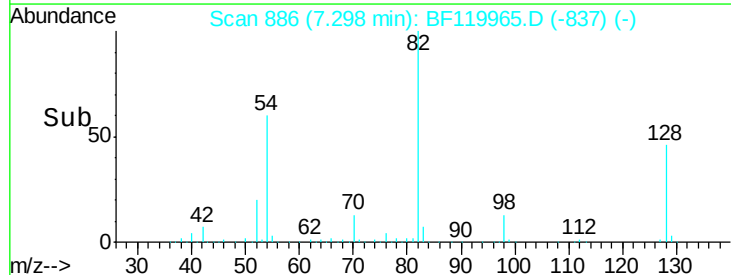


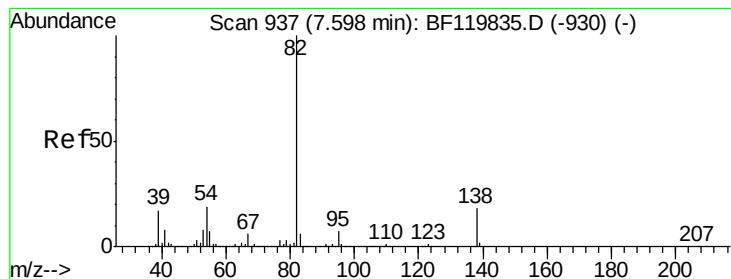
#23
Nitrobenzene-d5
Concen: 92.018 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion: 82 Resp: 1341925
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 59.8 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.622 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Instrument :

BNA_F

ClientSampleId :

TP-33

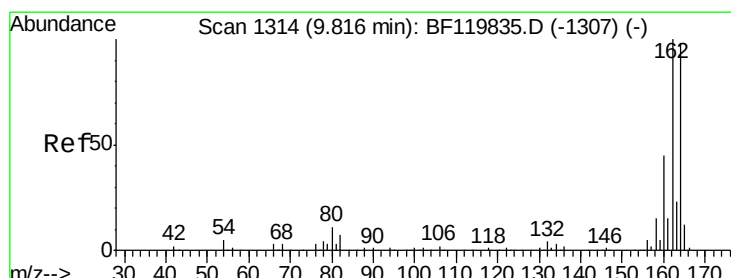
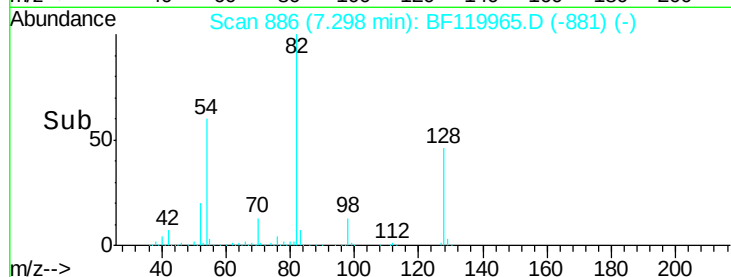
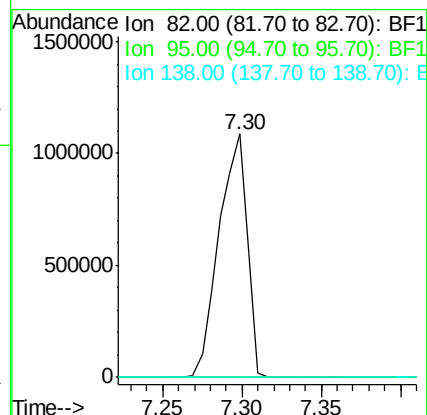
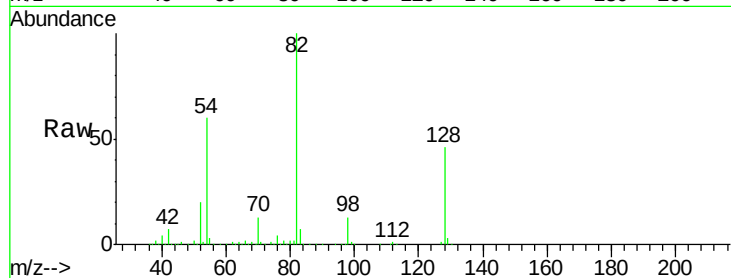
Tot Ion: 82 Resp: 1338759

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

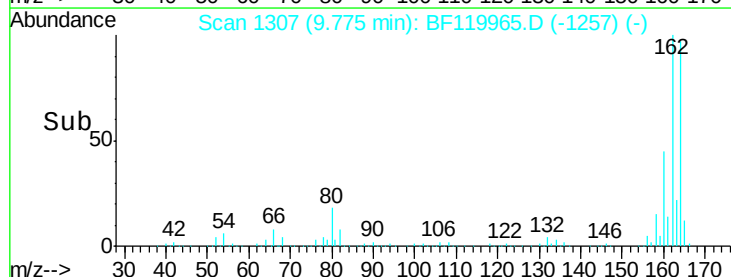
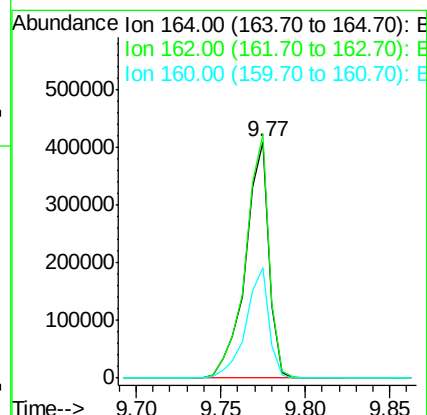
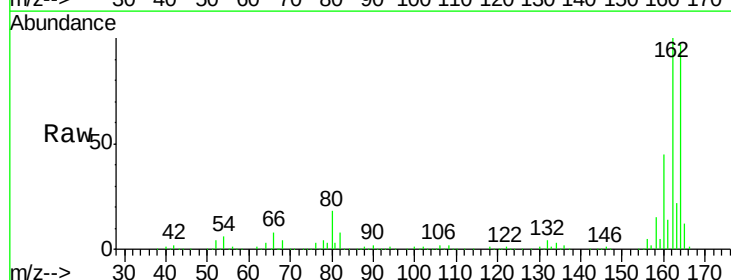
Tgt Ion:164 Resp: 398338

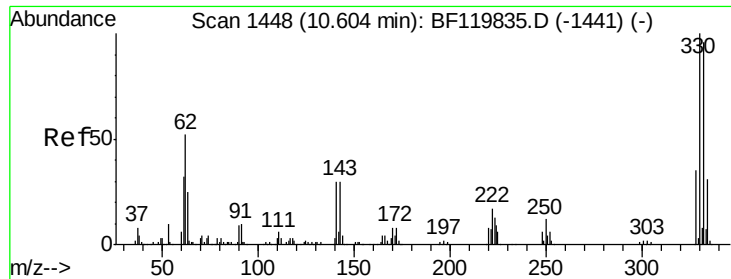
Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

160 46.5 36.6 54.8

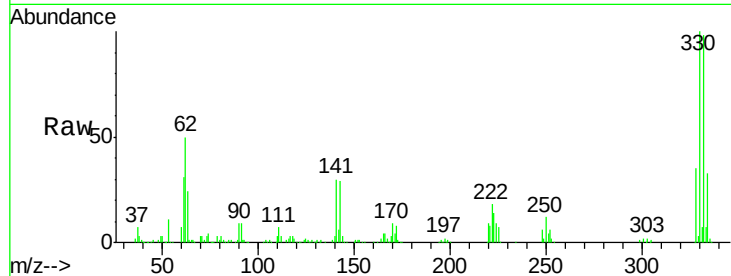




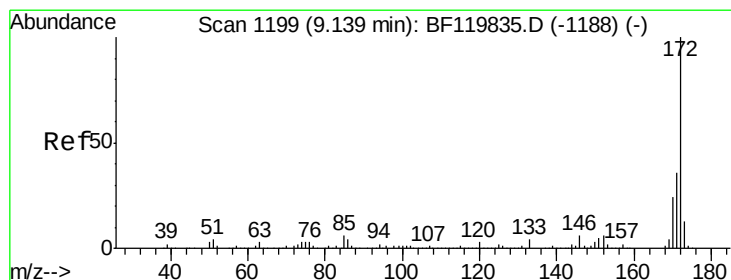
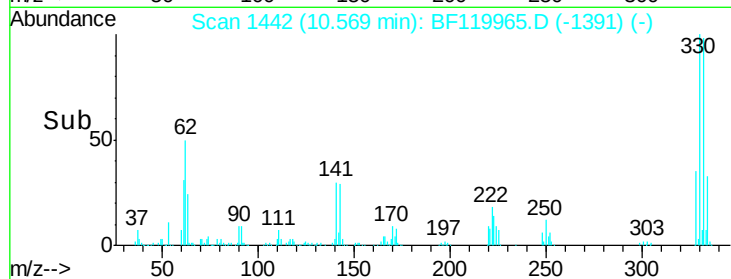
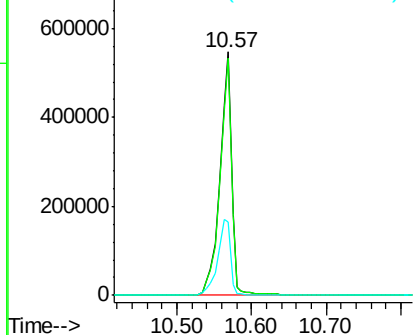
#42
 2,4,6-Tribromophenol
 Concen: 122.439 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	34.3	25.1	37.7

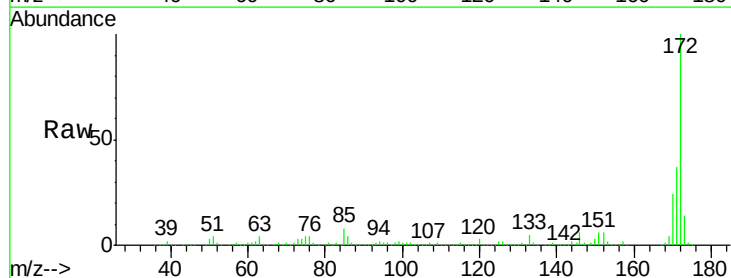


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

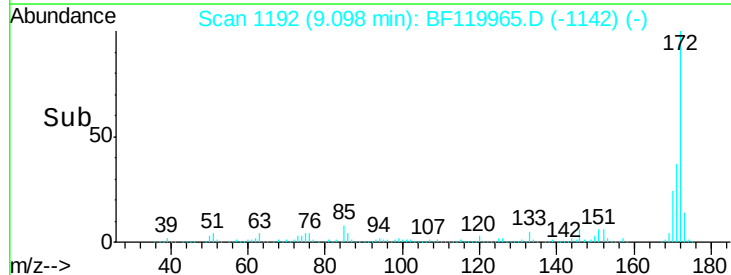
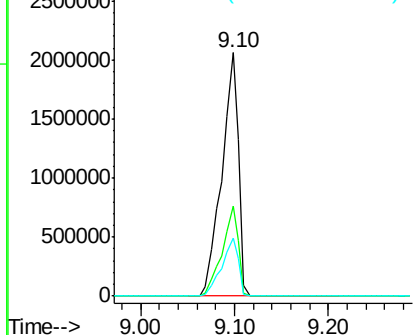


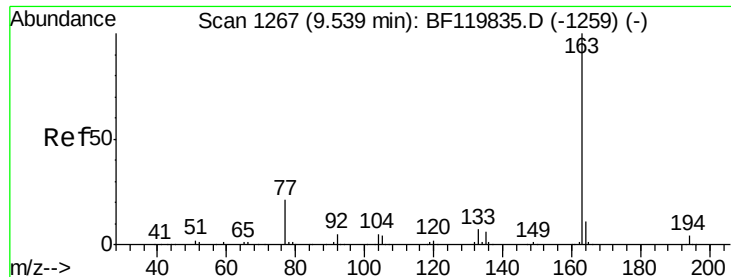
#45
 2-Fluorobiphenyl
 Concen: 90.789 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.1	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

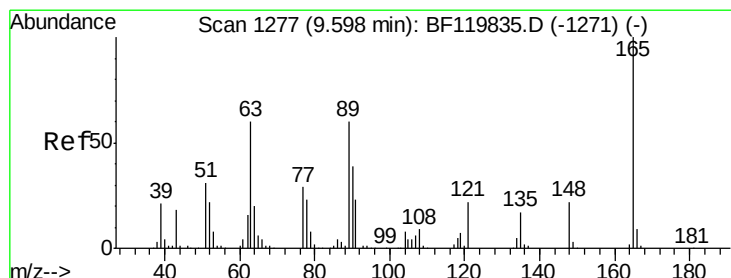
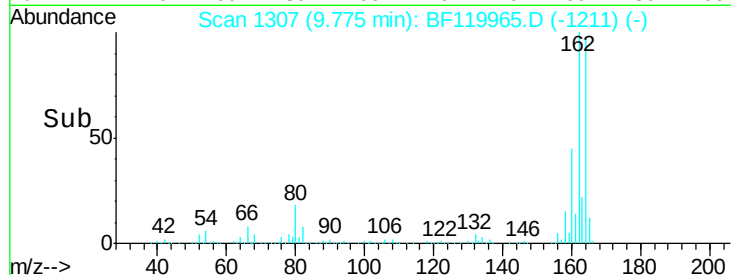
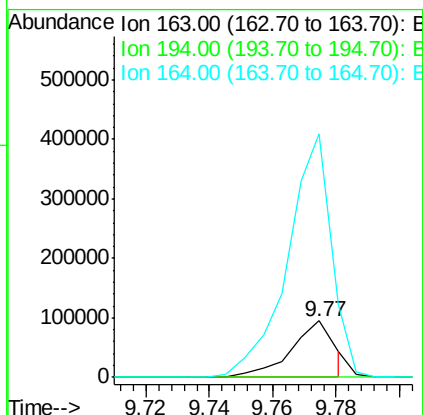
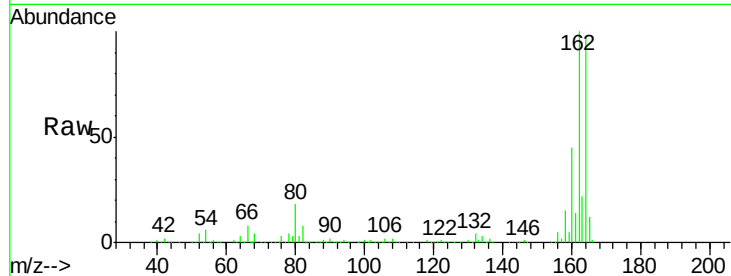




#50
Dimethylphthalate
Concen: 2.916 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

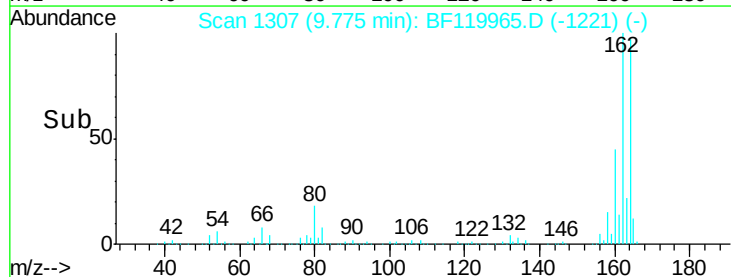
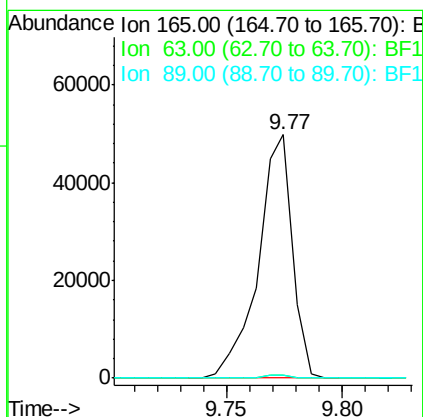
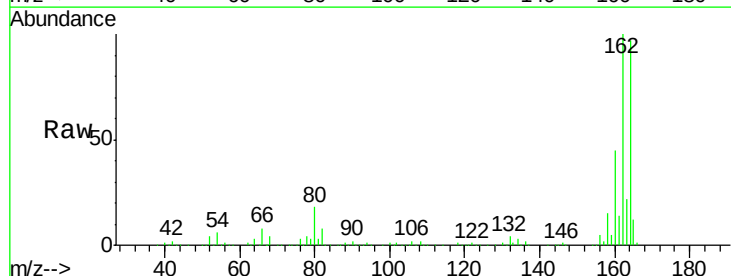
Instrument :
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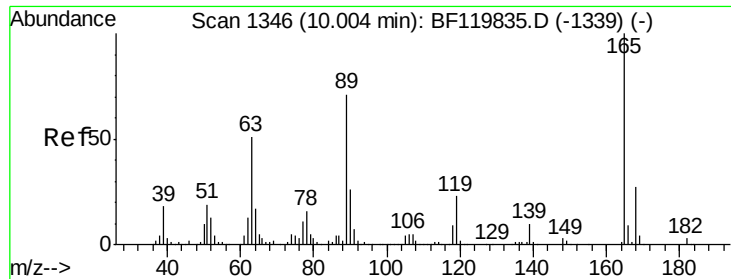
Tot Ion:163 Resp: 89841
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 432.9 8.4 12.6#



#51
2,6-Dinitrotoluene
Concen: 7.612 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:165 Resp: 51358
Ion Ratio Lower Upper
165 100
63 1.1 55.6 83.4#
89 1.2 47.9 71.9#

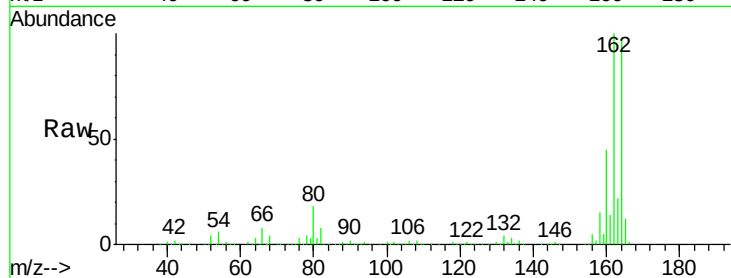




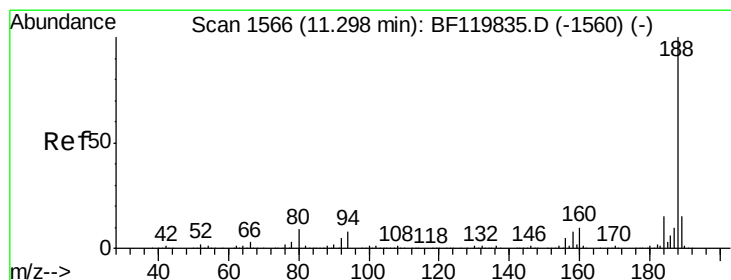
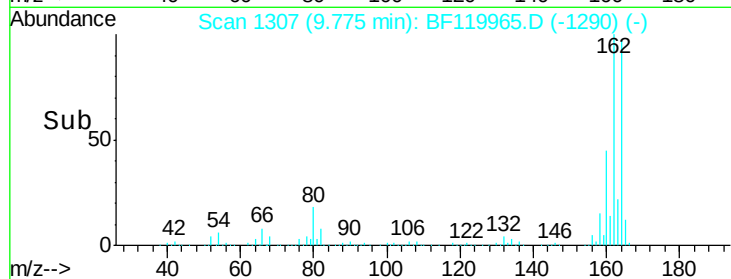
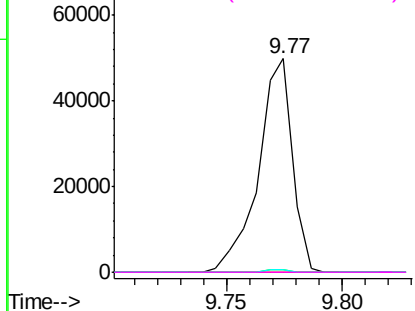
#57
 2,4-Dinitrotoluene
 Concen: 5.777 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Tot Ion:165 Resp: 51358
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.8 61.2#
 89 1.2 56.9 85.3#
 182 0.0 2.0 3.0#

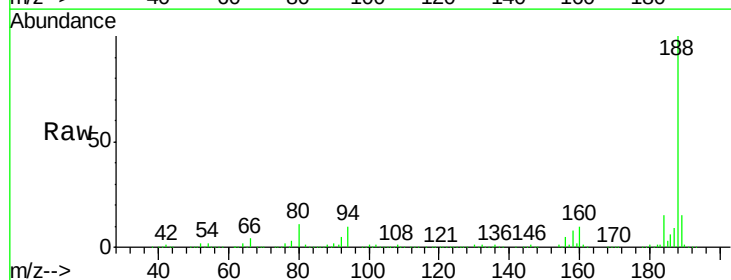


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

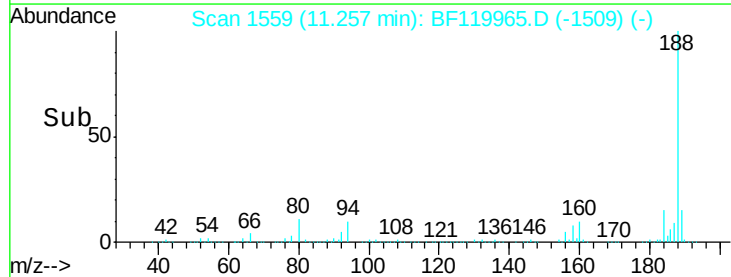
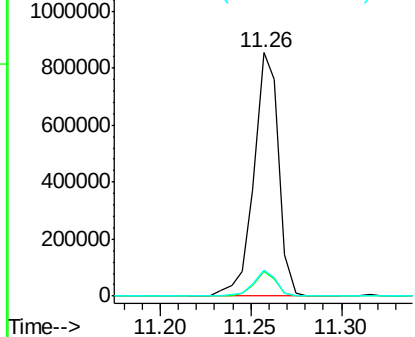


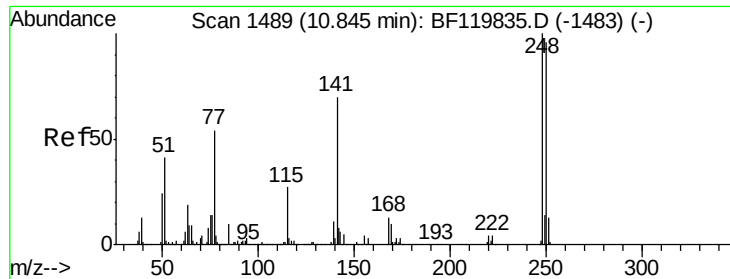
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Tgt Ion:188 Resp: 808475
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.7 10.1
 80 10.6 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

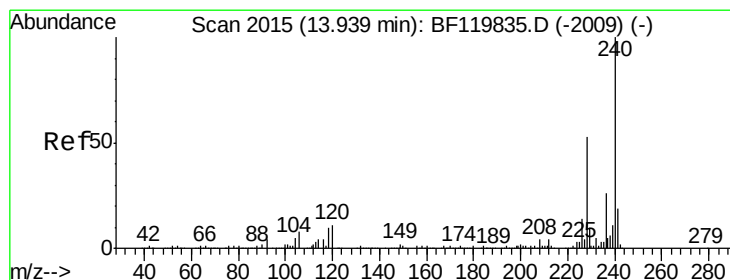
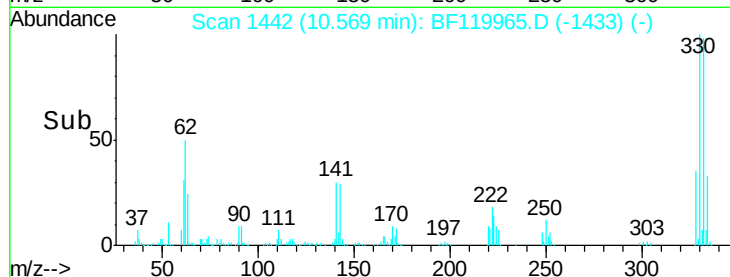
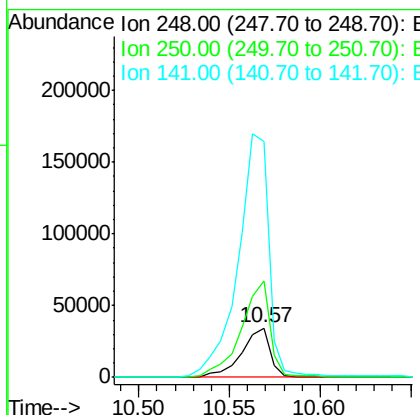
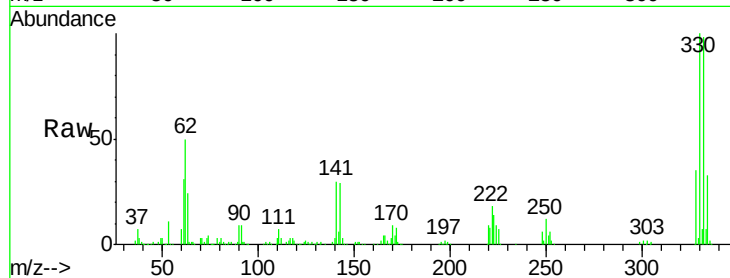




#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

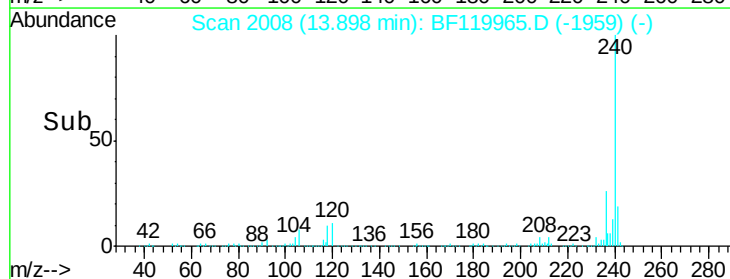
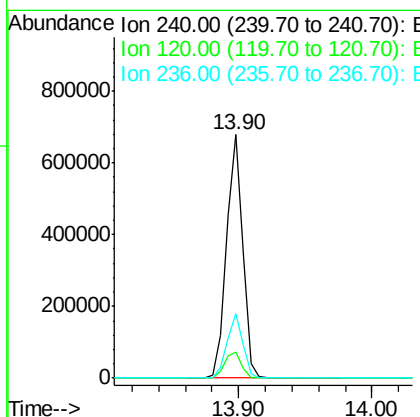
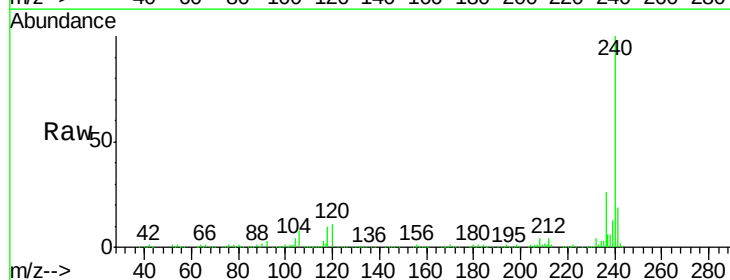
Instrument :
BNA_F
ClientSampleId :
TP-33

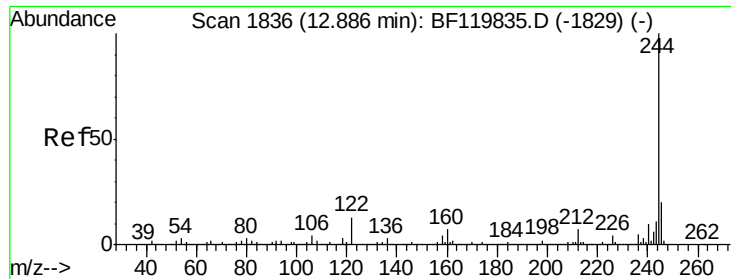
Tot Ion:248 Resp: 37974
Ion Ratio Lower Upper
248 100
250 196.4 76.6 114.8#
141 480.3 55.9 83.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:240 Resp: 585688
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 26.3 20.7 31.1

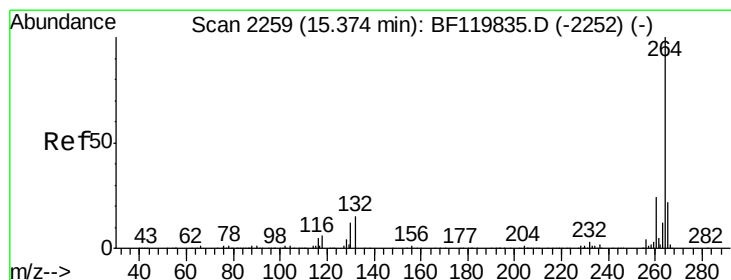
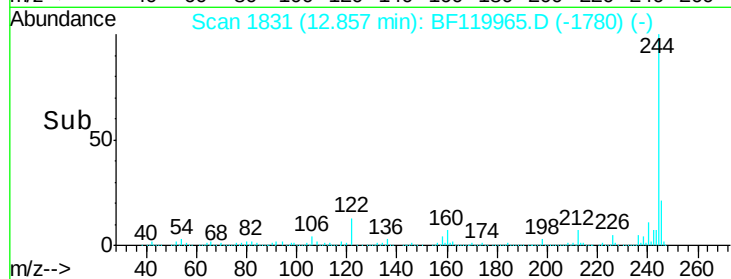
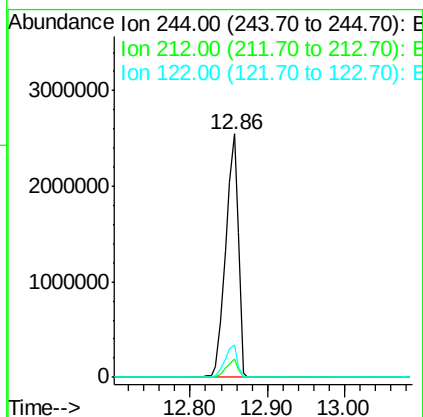
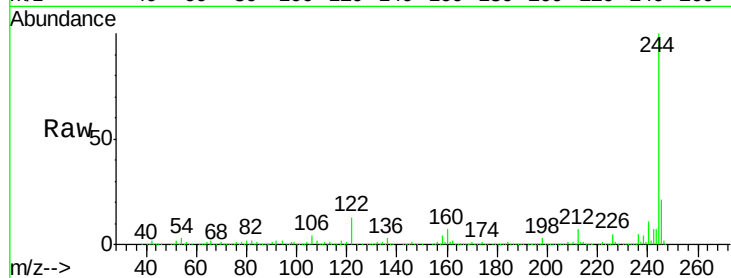




#79
 Terphenyl-d14
 Concen: 83.709 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Tot Ion:244 Resp: 2913692
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 13.5 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Tgt Ion:264 Resp: 441754
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 22.1 17.6 26.4

